PATENT

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IN THE CLAIMS:

Please find below a listing of all of the pending claims. The statuses of the claims are set forth in parentheses.

1. (Currently Amended) A method for presenting photographs for display using a DVD player, the method comprising:

reading a still-picture file for a selected photograph from the DVD disc, wherein the still-picture file includes only a single compressed digital photograph and does not include any digital video frames;

transcoding data from the still-picture file into a sequence of frames, wherein transcoding includes extracting DCT data from the still-picture file and encoding and outputting a key picture frame using the DCT data; and

decoding and presenting the sequence of frames.

2. (Canceled)

3. (Currently Amended) The method of claim 1 [[2]] further comprising:

selecting a photograph presentation mode of the DVD player; and

navigating amongst still-picture files stored in a directory structure on a DVD disc to select the photograph for presentation.

4. (Original) The method of claim 3, wherein the transcoding further comprises:

outputting a sequence header prior to a key picture frame;

outputting dummy frames after the key picture frame while the selected photograph is to be presented; and

outputting a sequence end code to stop presentation of the selected photograph.

5. (Currently Amended) A DVD player configured to present digital photographs for display, the DVD player comprising:

a transcoder for converting still-picture files of selected photographs to sequences of frames, wherein each still-picture file contains data representing only a single digital photograph and the still-picture files comprise one of a JPEG, GIF, and PNG files, and wherein converting the still-picture files of selected photographs to sequences of frames includes extracting DCT data from the still-picture files and encoding and outputting a key picture frame using the DCT data; and

a navigator for selecting the still-picture files and controlling the transcoder to direct presentation of the sequences.

6. (Canceled)

7. (Currently Amended) The DVD player of claim 5 [[6]], wherein the transcoder further:

encodes a sequence header, including height and width information, to be inserted prior to each key picture frame;

encodes dummy frames to be inserted after the key picture frame while the selected still-picture is to be presented; and

encodes a sequence end code to be inserted after the dummy frames so as to stop presentation of the selected still-picture.

8. (Original) The DVD player of claim 5 further comprising:

a free running timer for use by the navigator in timing the selection of the still-picture files so as to present the selected still-picture slides in a slide show format.

9. (Original) The DVD player of claim 5 further comprising:

a remote control for sending commands to the navigator to control the selection and presentation of the still-picture files,

wherein buttons for controlling presentation of a DVD movie are re-used to control the presentation of the still-picture files.

10. (Original) The DVD player of claim 9, wherein the remote control comprises:

a first button that is re-used to function as a display picture control;

a second button that is re-used to function as a previous picture control; and

a third button that is re-used to function as a next picture control.

11. (Original) The DVD player of claim 10, wherein the remote control further comprises:

a set of buttons that are re-used to navigate through a directory structure of still-picture files,

wherein the set of buttons includes a button that functions as a one-level up in the directory structure and a button that functions as a one-level down in the directory structure.

12. (Original) The DVD player of claim 5 further comprising:

a frame buffer for buffering the sequences to be output as at least one video signal from the DVD player,

wherein the transcoder outputs the sequences to a decoder, and wherein the decoder decodes the sequences prior to the sequences being sent to the frame buffer.

13. (Original) The DVD player of claim 5, wherein the DVD player also comprises a game machine.

14. (Original) The DVD player of claim 13, wherein the navigator comprises software in form of a game product.

Claims 15-17. (Canceled)

18. (Currently Amended) A DVD player configured to present digital photographs for display, the DVD player comprising:

a navigator for selecting the digital photographs, wherein the digital photographs are single frames converted from still-picture files each containing data representing only a single digital photograph and encoded as MPEG2 sequences and stored in an accessible directory structure on a DVD disc, and wherein the still-picture files comprise one of a JPEG, GIF, and PNG files, and wherein encoding the still picture files into MPEG2 sequences includes extracting DCT data from the still-picture files and encoding and outputting a key picture frame using the DCT data;

an MPEG2 decoder for receiving and decoding the MPEG2 sequences; and

a frame buffer for buffering the decoded MPEG2 sequences to be output as at least one video signal from the DVD player.

19. (Original) The DVD player of claim 18 further comprising:

a free running timer for use by the navigator in timing the selection of the MPEG2 sequences so as to present the selected digital photographs in a slide show format.

20. (Original) The DVD player of claim 18 further comprising:

a remote control for sending commands to the navigator to control the selection and presentation of the digital photographs,

wherein buttons for controlling presentation of a DVD movie are re-used to control the presentation of the digital photographs.

21. (Original) The DVD player of claim 20, wherein the remote control comprises:

a first button that is re-used to function as a display picture control;

a second button that is re-used to function as a previous picture control; and

a third button that is re-used to function as a next picture control.

22. (Original) The DVD player of claim 21, wherein the first button comprises a play button, the second button comprises a rewind button, and the third button comprises a fast forward button.

23. (Currently Amended) A DVD player configured to present digital photographs for display, the DVD player comprising:

means for reading a still-picture file for a selected photograph from the DVD disc, wherein the still-picture file is one of a plurality of still-picture files and each still-picture file contains data representing only a single digital photograph and the still-picture file comprises one of a JPEG, GIF, and PNG file;

means for transcoding data from the still-picture file into a video sequence, wherein transcoding includes extracting DCT data from the still-picture file and encoding and outputting a key picture frame using the DCT data; and

means for decoding and presenting the video sequence.

24. (Original) The DVD player of claim 23, wherein the DVD player comprises a game console, and wherein the means for navigating comprises software product for the game console.

25. (Original) The DVD player of claim 23, wherein the DVD player comprises a stand-alone DVD player.

26. (New) A computer readable storage medium on which is embedded one or more computer programs, said one or more computer programs implementing a method for presenting photographs for display using a DVD player, said one or more computer programs comprising a set of instructions for:

reading a still-picture file for a selected photograph from the DVD disc, wherein the still-picture file is one of a plurality of still-picture files and each still-picture file contains data representing only a single digital photograph and the still-picture file comprises one of a JPEG, GIF, and PNG file;

transcoding data from the still-picture file into a sequence of frames, wherein transcoding includes extracting DCT data from the still-picture file and encoding and outputting a key picture frame using the DCT data; and

decoding and presenting the sequence of frames.